

Package ‘scatterpie’

July 17, 2018

Title Scatter Pie Plot

Version 0.1.2

Description Creates scatterpie plots, especially useful for plotting pies on a map.

Depends R (>= 3.4.0), ggplot2

Imports ggforce, rlang, rvcheck (>= 0.1.0), tidyr, utils

Suggests knitr, prettydoc, maps

VignetteBuilder knitr

License Artistic-2.0

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

NeedsCompilation no

Author Guangchuang Yu [aut, cre] (<<https://orcid.org/0000-0002-6485-8781>>)

Maintainer Guangchuang Yu <guangchuangyu@gmail.com>

Repository CRAN

Date/Publication 2018-07-17 05:40:03 UTC

R topics documented:

geom_scatterpie	2
geom_scatterpie_legend	3
recenter	3

Index	5
--------------	----------

geom_scatterpie	<i>geom_scatterpie</i>
-----------------	------------------------

Description

scatter pie plot

Usage

```
geom_scatterpie(mapping = NULL, data, cols, sorted_by_radius = FALSE, ...)
```

Arguments

mapping	aes mapping
data	data
cols	cols the pie data
sorted_by_radius	whether plotting large pie first
...	additional parameters

Value

layer

Author(s)

guangchuang yu

Examples

```
library(ggplot2)
d <- data.frame(x=rnorm(5), y=rnorm(5))
d$dA <- abs(rnorm(5, sd=1))
d$dB <- abs(rnorm(5, sd=2))
d$dC <- abs(rnorm(5, sd=3))
ggplot() + geom_scatterpie(aes(x=x, y=y), data=d, cols=c("A", "B", "C")) + coord_fixed()
```

geom_scatterpie_legend
geom_scatterpie_legend

Description

legend of scatterpie

Usage

```
geom_scatterpie_legend(radius, x, y, n = 5, labeller)
```

Arguments

radius	radius vector
x	x position
y	y position
n	number of circle
labeller	function to label radius

Value

layer

Author(s)

Guangchuang Yu

recenter *recenter*

Description

re-center map data

Usage

```
recenter(mapdata, center, longitude_column = "long")
```

Arguments

mapdata	map data, should be a data.frame
center	center
longitude_column	longitude column

Value

updated map data

Author(s)

ygc

Index

geom_scatterpie, 2
geom_scatterpie_legend, 3
recenter, 3